

CLAIMS ONLY							SERIAL NO.	FILING DATE					
							APPLICANT(S)						
CLAIMS													
	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT			*		*		*	
	IND.	DEP.	IND.	DEP.	IND.	DEP.		IND.	DEP.	IND.	DEP.	IND.	DEP.
1							51		3				
2							52		1				
3							53						
4							54						
5							55						
6							56		2				
7							57		1				
8							58						
9							59						
10							60						
11							61						
12							62						
13							63						
14							64						
15							65						
16							66						
17							67						
18							68						
19							69						
20							70						
21							71						
22							72						
23							73						
24							74						
25							75						
26							76						
27							77						
28							78		2				
29							79		2				
30							80		2				
31							81		2				
32							82		2				
33							83		2				
34							84		2				
35							85		2				
36							86		1				
37							87						
38							88						
39							89						
40							90						
41							91						
42							92						
43							93						
44							94						
45							95						
46							96						
47							97						
48							98						
49							99						
50							100		1				
TOTAL IND.	1						TOTAL IND.	1					
TOTAL DEP.	63						TOTAL DEP.	60					
TOTAL CLAIMS							TOTAL CLAIMS						

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

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FORM PTO-2022 (1-98)

U.S. GPO: 1998-443-593/89152

CLAIMS ONLY							SERIAL NO.		FILING DATE		
							APPLICANT(S)				
CLAIMS											
	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT			*		*	
	IND.	DEP.	IND.	DEP.	IND.	DEP.		IND.	DEP.	IND.	DEP.
1							51				
2							52				
3							53				
4							54				
5							55				
6							56				
7							57				
8							58				
9							59				
10							60				
11							61				
12							62				
13							63				
14							64				
15							65				
16							66				
17							67				
18							68				
19							69				
20							70				
21							71				
22							72				
23							73				
24							74				
25							75				
26							76				
27							77				
28							78				
29							79				
30							80				
31							81				
32							82				
33							83				
34							84				
35							85				
36							86				
37							87				
38							88				
39							89				
40							90				
41							91				
42							92				
43							93				
44							94				
45							95				
46							96				
47							97				
48							98				
49							99				
50							100				
TOTAL IND.							TOTAL IND.				
TOTAL DEP.							TOTAL DEP.				
TOTAL CLAIMS							TOTAL CLAIMS				

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

CLAIMS ONLY							SERIAL NO.	FILING DATE
							APPLICANT(S)	
CLAIMS								
	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT			
	IND.	DEP.	IND.	DEP.	IND.	DEP.		
1		2					51	
2		2					52	
3		2					53	
4		2					54	
5		2					55	
6		2					56	
7		2					57	
8		2					58	
9		2					59	
10		2					60	
11		2					61	
12		2					62	
13		2					63	
14		2					64	
15		2					65	
16		2					66	
17		2					67	10
18		2					68	
19		2					69	
20	1						70	
21							71	
22							72	
23							73	
24							74	
25							75	
26							76	
27							77	
28							78	
29							79	
30							80	
31							81	
32							82	
33							83	
34							84	
35							85	1
36							86	
37	1						87	1
38							88	1
39							89	
40							90	
41							91	
42	1						92	
43							93	
44							94	
45							95	
46							96	
47	1						97	
48							98	
49							99	3
50							100	
TOTAL IND.	4						TOTAL IND.	133
TOTAL DEP.	65						TOTAL DEP.	376
TOTAL CLAIMS							TOTAL CLAIMS	509

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

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